

# Annual Index

American Scientist, Volume 77, 1989

## Articles

- Abrams, Susan E. *An Optimal Foraging Strategy for Scientist Authors*, May, 227.
- Altmann, Stuart. *The Monkey and the Fig*, May, 256.
- Baldrige, W. Scott, & Kenneth H. Olsen. *The Rio Grande Rift*, May, 240.
- Birkeland, Charles. *The Faustian Traits of the Crown-of-Thorns Starfish*, March, 154.
- Burt, Donald M. *Mining the Moon*, Nov., 574.
- El-Baz, Farouk, Bob Moores, & Claude E. Petrone. *Remote Sensing at an Archaeological Site in Egypt*, Jan., 60.
- Franks, Nigel R. *Army Ants: A Collective Intelligence*, March, 138.
- Green, Kenneth C. *A Profile of Undergraduates in the Sciences*, Sept., 475.
- Greenler, Robert G., & Joel W. Hable. *Colors in Spider Webs*, July, 368.
- Govind, C. K. *Asymmetry in Lobster Claws*, Sept., 468.
- Hanken, James. *Development and Evolution in Amphibians*, July, 336.
- Hill, Kim, & A. Magdalena Hurtado. *Hunter-Gatherers of the New World*, Sept., 436.
- Holekamp, Kay E., & Paul W. Sherman. *Why Male Ground Squirrels Disperse*, May, 232.
- Martin, Larry D., & Bruce M. Rothschild. *Paleopathology and Diving Mosasaurs*, Sept., 460.
- McMasters, John H. *The Flight of the Bumblebee and Related Myths of Entomological Engineering*, March, 164.
- McSween, Harry Y., Jr. *Chondritic Meteorites and the Formation of Planets*, March, 146.
- Molnar, Peter. *The Geologic Evolution of the Tibetan Plateau*, July, 350.
- Nelson, Jerry. *The Keck Telescope*, March, 170.
- Niklas, Karl J. *The Cellular Mechanics of Plants*, July, 344.
- Philander, George. *El Niño and La Niña*, Sept., 451.
- Ramos, Victor A. *The Birth of Southern South America*, Sept., 444.
- Rowland, F. Sherwood. *Chlorofluorocarbons and the Depletion of Stratospheric Ozone*, Jan., 36.
- Seeley, Thomas D. *The Honey Bee Colony as a Superorganism*, Nov., 546.
- Shapin, Steven. *The Invisible Technician*, Nov., 554.
- Shroder, John F. *Hazards of the Himalaya*, Nov., 564.
- Smith, Kathleen K., & William M. Kier. *Trunks, Tongues, and Tentacles: Moving with Skeletons of Muscle*, Jan., 28.
- Soifer, Baruch T., Charles A. Beichman, & David B. Sanders. *An Infrared View of the Universe*, Jan., 46.
- Taam, Ronald E., & Bruce A. Fryxell. *The Hydrodynamics of Accretion from Stellar Winds*, Nov., 539.
- Tulving, Endel. *Remembering and Knowing the Past*, July, 361.
- Webbink, Ronald F. *Cataclysmic Variable Stars*, May, 248.
- Werker, Janet F. *Becoming a Native Listener*, Jan., 54.
- Marginalia: *A Light in the Attic* (Keith Stewart Thomson), May, 264.
- Marginalia: *Molecular Beauty IV: Toward an Aesthetic Theory of Six-Coordinate Carbon* (Roald Hoffmann), July, 330.
- Marginalia: *Bloody Sirius* (J. Donald Fernie), Sept., 429.
- Marginalia: *The Second Coelacanth* (Keith Stewart Thomson), Nov., 536.
- Science Observer: *Drug Testing: The State of the Art, Survey Probes Tensions Between Scientists and Democracy*, Jan., 19.
- Science Observer: *Viewer-Controlled Video, NASA Woos Scientists Back to the Space Program, Research Versus Animal Rights*, March, 130.
- Science Observer: *How Bleak is the Outlook for Ozone? A Challenge to Evolutionary Biology*, May, 219.
- Science Observer: *Tropical Forests and Bill Buckner's Legs, Toward an International Law of the Atmosphere, Cold Fusion Confirmed, Whatever Happened to Solar Energy?*, July, 320.
- Science Observer: *What's New in Supercomputing?* Nov., 523.
- The Science of Computing: *Massive Parallelism in the Future of Science* (Peter J. Denning), Jan., 16.
- The Science of Computing: *The Internet Worm* (Peter J. Denning), March, 126.
- The Science of Computing: *Bayesian Learning* (Peter J. Denning), May, 216.
- The Science of Computing: *Sparse Distributed Memory* (Peter J. Denning), July, 333.
- The Science of Computing: *Worldnet* (Peter J. Denning), Sept., 432.
- The Science of Computing: *The ARPANET after Twenty Years* (Peter J. Denning), Nov., 530.
- Sigma Xi, The Scientific Research Society. *National Lecturers 1989-90*, Jan., 104.
- National Officers and Standing Committees, Nov., 518.
- 1989 Annual Meeting Program, Sept., 511.

## Departments

American Scientist Interviews: Nancy Padian on Heterosexual Transmission of AIDS, July, 374.

Marginalia: *The Common, But Less Frequent, Loon* (Keith Stewart Thomson), Jan., 67.

Marginalia: *Molecular Beauty III: As Rich as Need Be* (Roald Hoffmann), March, 177.

# Annual Index

American Scientist, Volume 77, 1989

## Articles

- Abrams, Susan E. *An Optimal Foraging Strategy for Scientist Authors*, May, 227.
- Altmann, Stuart. *The Monkey and the Fig*, May, 256.
- Baldrige, W. Scott, & Kenneth H. Olsen. *The Rio Grande Rift*, May, 240.
- Birkeland, Charles. *The Faustian Traits of the Crown-of-Thorns Starfish*, March, 154.
- Burt, Donald M. *Mining the Moon*, Nov., 574.
- El-Baz, Farouk, Bob Moores, & Claude E. Petrone. *Remote Sensing at an Archaeological Site in Egypt*, Jan., 60.
- Franks, Nigel R. *Army Ants: A Collective Intelligence*, March, 138.
- Green, Kenneth C. *A Profile of Undergraduates in the Sciences*, Sept., 475.
- Greenler, Robert G., & Joel W. Hable. *Colors in Spider Webs*, July, 368.
- Govind, C. K. *Asymmetry in Lobster Claws*, Sept., 468.
- Hanken, James. *Development and Evolution in Amphibians*, July, 336.
- Hill, Kim, & A. Magdalena Hurtado. *Hunter-Gatherers of the New World*, Sept., 436.
- Holekamp, Kay E., & Paul W. Sherman. *Why Male Ground Squirrels Disperse*, May, 232.
- Martin, Larry D., & Bruce M. Rothschild. *Paleopathology and Diving Mosasaurs*, Sept., 460.
- McMasters, John H. *The Flight of the Bumblebee and Related Myths of Entomological Engineering*, March, 164.
- McSween, Harry Y., Jr. *Chondritic Meteorites and the Formation of Planets*, March, 146.
- Molnar, Peter. *The Geologic Evolution of the Tibetan Plateau*, July, 350.
- Nelson, Jerry. *The Keck Telescope*, March, 170.
- Niklas, Karl J. *The Cellular Mechanics of Plants*, July, 344.
- Philander, George. *El Niño and La Niña*, Sept., 451.
- Ramos, Victor A. *The Birth of Southern South America*, Sept., 444.
- Rowland, F. Sherwood. *Chlorofluorocarbons and the Depletion of Stratospheric Ozone*, Jan., 36.
- Seeley, Thomas D. *The Honey Bee Colony as a Superorganism*, Nov., 546.
- Shapin, Steven. *The Invisible Technician*, Nov., 554.
- Shroder, John F. *Hazards of the Himalaya*, Nov., 564.
- Smith, Kathleen K., & William M. Kier. *Trunks, Tongues, and Tentacles: Moving with Skeletons of Muscle*, Jan., 28.
- Soifer, Baruch T., Charles A. Beichman, & David B. Sanders. *An Infrared View of the Universe*, Jan., 46.
- Taam, Ronald E., & Bruce A. Fryxell. *The Hydrodynamics of Accretion from Stellar Winds*, Nov., 539.
- Tulving, Endel. *Remembering and Knowing the Past*, July, 361.
- Webbink, Ronald F. *Cataclysmic Variable Stars*, May, 248.
- Werker, Janet F. *Becoming a Native Listener*, Jan., 54.
- Marginalia: *A Light in the Attic* (Keith Stewart Thomson), May, 264.
- Marginalia: *Molecular Beauty IV: Toward an Aesthetic Theory of Six-Coordinate Carbon* (Roald Hoffmann), July, 330.
- Marginalia: *Bloody Sirius* (J. Donald Fernie), Sept., 429.
- Marginalia: *The Second Coelacanth* (Keith Stewart Thomson), Nov., 536.
- Science Observer: *Drug Testing: The State of the Art, Survey Probes Tensions Between Scientists and Democracy*, Jan., 19.
- Science Observer: *Viewer-Controlled Video, NASA Woos Scientists Back to the Space Program, Research Versus Animal Rights*, March, 130.
- Science Observer: *How Bleak is the Outlook for Ozone? A Challenge to Evolutionary Biology*, May, 219.
- Science Observer: *Tropical Forests and Bill Buckner's Legs, Toward an International Law of the Atmosphere, Cold Fusion Confirmed, Whatever Happened to Solar Energy?*, July, 320.
- Science Observer: *What's New in Supercomputing?* Nov., 523.
- The Science of Computing: *Massive Parallelism in the Future of Science* (Peter J. Denning), Jan., 16.
- The Science of Computing: *The Internet Worm* (Peter J. Denning), March, 126.
- The Science of Computing: *Bayesian Learning* (Peter J. Denning), May, 216.
- The Science of Computing: *Sparse Distributed Memory* (Peter J. Denning), July, 333.
- The Science of Computing: *Worldnet* (Peter J. Denning), Sept., 432.
- The Science of Computing: *The ARPANET after Twenty Years* (Peter J. Denning), Nov., 530.
- Sigma Xi, The Scientific Research Society. *National Lecturers 1989-90*, Jan., 104.
- National Officers and Standing Committees, Nov., 518.
- 1989 Annual Meeting Program, Sept., 511.

## Departments

American Scientist Interviews: Nancy Padian on Heterosexual Transmission of AIDS, July, 374.

Marginalia: *The Common, But Less Frequent, Loon* (Keith Stewart Thomson), Jan., 67.

Marginalia: *Molecular Beauty III: As Rich as Need Be* (Roald Hoffmann), March, 177.

